

# Amateur TRW radio Club WB6WPO

# cross talk

A MONTHLY NEWS BULLETIN OF TRW AMATEUR RADIO CLUB

Sponsored by Systems Employee Association

April 1971

VOL. IV No. 4

President	WA6JHD - Ed Thornley	R6/2188	66117
Vice President			
Secretary	WB6WDS - Doug Heydon	M3/2087	50454
Treasurer	WB6GBC - Frank Halligan	S/365	50345
Activity Manager	K6AWO - Bill Dews	M2/1141	64571
Trustee	W6MYC - Carl Rothroch	S/389	50345
Cross Talk Editor	W6PMV - Bill Thompson	E2/6043	52369
SEA Council Representative	WB6GBC - Frank Halligan	S/365	50345
QSL Card Manager	W6YCZ - Mac McGrew	S/365	66633
Emergency Coordinator	W6KQI - Al Lee	01/2151	64235
Field Day Manager	WA6AZW - Doug Freeman	M4/2243	53126
Publicity Chairman	K6PSE - Paul Weisz	76/8020	51052
Membership Chairman	WA6GVO - Jerry Dean	R3/1072	62571

## APRIL MEETING

### "TRACKING DOWN ORNancy"

Sound Film  
Bill Nelson, WA6FQG  
So. Calif. Edison Co.

R2/1055

28 April 1971

1200

## THE PREZ SEZ

By Ed Thornley, WA6JHD

We reported last month that the office of Vice President was open. Well, this month we have a candidate. Paul Weisz, K6PSE, has accepted the nomination and this issue has an official ballot. There is room for the write-in of your choice, too, so be sure to vote!

Saturday, 15 May 1971, has been selected as the date for our official ARRL Affiliation Dinner. Activity Manager, Bill Dews, and his Committee are busy planning this affair. Let's all plan to be there. We will have a special bulletin out in plenty of time with all the details so reserve this date. This will be a social type affair so please plan to bring the XYZ or YL and we'll have a good dinner and some real ham-type eye-ball QSO'ing (and maybe a highball too!)

We are sorry to report that Bill Thompson, W6PMV, our very able "Cross Talk" editor, has had to resign this position due to the press of other business. Bill has done a bang-up job, and we will miss his witty pennings! Thanks, Bill, from all of us for a job well done!

Doug Heydon, WB6WDS, our Secretary, has volunteered to be editor pro tempore. Do we have another able bodied volunteer willing to take on this important job? Give me a call on 66117!

73's,

Ed

## NEWS AND NOTES

### Silent Key

We were saddened to hear of the passing of associate member, John Kihm, W6YGV. John was an advanced class, licensed over 25 years and was an ARRL member. He was active in emergency communications' networks and helped out last year during our Rallye Club communications' activities. John joined the Club in March, 1970.

### ARRL Charter Received

We have just received our official charter of affiliation with the American Radio Relay League. It is a handsome document and will be suitably framed for gracing the wall of our WB6WPO Club Shack in Building 65.

### 200 Meters and Down

Sounds like a book title? You're right, it is! We have received a complimentary copy of this book by Clinton B. DeSoto from ARRL headquarters. Originally published in 1936, it is the history of ham radio from the early days til the mid-30's. Of course, it pre-dates solid-state and ham SSB, but it is interesting reading for novice and old timers alike. If you'd like to read it, give me a call on 66117 and I'll put you on the reading list.

### Club Certificates

We have issued four more TRW/ARC recognition award certificates to operators who contacted any five member stations. Most of the contacts were made during our recent QSO party. Anybody else qualified? Send me your list and I'll see that you get one quick.

73's, Ed

## TREASURER'S REPORT

By F. X. Halligan, WB6GBC

Balance on hand 5 March 1971-----\$ 306.57

### Receipts

Dues -----	\$ 20.00
QSL Cards-----	20.00
Chances (for door prizes)-----	6.00

46.00  
\$ 352.57

### Expenses

Postage (for WB6WPO QSL's)-----	\$ 2.00
Postage (for Cross Talk mailings)-----	12.00
Guest Lunch (2/24)-----	2.00
Printer (QSL's)-----	3.00
QST Subscription (1 year)-----	7.50
Swan Electronics (refurbish/upgrade WB6WPO)---	235.80

262.30

Cash on hand 14 April 1971-----\$ 90.27

## Club Membership on 14 April 1971:

Full Members (TRW Systems employees)-----	42
Honorary Members-----	1
Associate Members-----	15
Total-----	58

SECRETARY'S REPORT

By Doug Heydon (WB6WDS)

Minutes of the 16 April 1971 meeting of the TRW/ARC Executive Board.

The monthly meeting of the TRW Systems Amateur Radio Club Executive Board was called to order at 1205 P.M. on Friday, 16 April 1971 in S/1480 at Space Park. Those present included Ed Thornley, Bill Dews, Frank Halligan, Carl Rothrock, Bill Thompson, Mac McGrew, Doug Freeman, Jerry Dean and Doug Heydon.

OLD BUSINESS (AND SOME NEW)

- ACTION THOMPSON
1. Paul Weisz, having volunteered to fill the Vice Presidency vacancy, made the nominating committee's job much easier. The April CROSS TALK will contain a ballot to make it official.
  2. April program not yet firm. Paul Weisz will inform CROSS TALK editor of information.
  3. Bill Thompson announced that he will be unable to continue as CROSS TALK editor beyond the April issue. Doug Heydon will fill in on an interim basis, until a new "permanant" sucker is found.
- ACTION HEYDON
4. President Ed requested the Secretary to add ARRL Director Griggs and Communication Manager Hart to the CT mailing list.
  5. The first copy of the ARRL Affiliated Club Bulletin, and our Certificate of Affiliation, were displayed. The bulletin contains new FD rules.
  6. Affiliation dinner set for 15 May 1971 at a place to be determined.
- ACTION THOMPSON AND HEYDON
7. The CT editor and secretary were asked to expedite outside mailings, to minimize QRM from disgruntled associate members.
  8. All outstanding QSL charges have been paid. Mac McGrew suggested offering blank OGO cards (2000 left) at \$1.00/100. Agreed.
  9. Treasurer Halligan reported that the recent station upgrading left us with a balance of only \$90.27 on hand.
  10. Field Day Chairman Freeman discussed this year's rule changes and announced the following assignments:

VHF	-	Ollie Saunders
80/20 CW	-	Doug Heydon
40/15/40 CW	-	Bob Hume
80/20 SSB	-	Al Lee and Paul Weisz
40/15/10 SSB	-	Frank Halligan
Site Power	-	Dick Treece
Logging	-	Ed Thornley

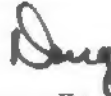
The above "station captains" have responsibility to provide all

SECRETARY'S REPORT (Continued)

equipment, antennas and operating positions for two fully capable set-ups. An on-the-air meeting for further discussion was scheduled for 1000 (local) Saturday, 17 April on 7280 KHZ.

There being no further business the President adjourned the meeting at 1305.

Respectfully submitted,



Doug Heydon (WB6WDS), Secretary

WB6WPO ACTIVITY REPORT

By Bill Dews, K6AWO, Activity Manager

I missed getting my report in last month and will try to do better this month.

WB6WPO was busy during the TRW /ARC QSO party. The following members checked in at the Shack and signed the log: W6LOW, WB6KVE, WB6GBC, W6VB, K6AWO, K6KQI, K6PSE, WA6JHD, and W6MYC. QSO's were made on 40, 15 and 6 meters. Quite a few QSL's have been received, and we will be responding with our new QSL cards.

The Swan 500 has been returned from the factory (thanks to Frank, WB6GBC) and is now equipped with VOX, CW filter, 16 pole SSB filter and external VFO. Now good for both CW and SSB.

Frank Halligan, WB6GBC, has been running this station every Saturday morning on 7.280 MHz commencing at 1000 PST. How about joining in for a Club ragchew? Maybe more of you can earn that TRW/ARC certificate!

73's, Bill

FIELD DAY NEWS

By D. Freeman, WA6AZW, Field Day Manager

Mark your calendars - Field Day is June 26-27, 1971.

Organization this year will be changed. We will have band/mode teams with team leaders, as follows:

80/20 SSB	-	Al Lee
40/15/10 SSB	-	Frank Halligan
80/20 CS	-	Doug Heydon
40/15/40 CW	-	Bob Hume
VHF	-	Ollie Saunders

Power responsibilities go to Dick Treece, logs are Ed Thornley's bag, and it looks like we will go hungry since no one has volunteered to do the cooking!! Overall Co-chairmen are Doug Freeman and Bill Dews.

Please note the sign-up sheet attached to Cross Talk, and return them ASAP so your F/D committee can start serious planning. The F/D Site will be Chadwick School, same as last year. All volunteers are cordially invited to call Doug Freeman @ 53125.

## SOUTHWESTERN DIVISION CONVENTION

DISNEYLAND HOTEL, ANAHEIM — SEPTEMBER 4 & 5, 1971

EXHIBIT BOOTHS WILL BE OPEN SATURDAY, SEPTEMBER 4  
FROM 9 A.M. TO 6 P.M. AND SUNDAY, SEPTEMBER 5, FROM 12 NOON TO 5 P.M.

### CONVENTION PROGRAM INCLUDES:

- TECHNICAL SESSIONS  
Antennas . . . . . Slow Scan TV . . . . . Electronic Keys . . . . . VHF/UHF . . . . . Station Remote Control . . . . . Solid State Technology . . . . . Measurements . . . . . Novice Session . . . . .
- CONTESTS  
\*420 MHz Hidden Transmitter Hunt . . . . . CW Speed Contest . . . . . Mobile Judging . . . . . Home Brew Judging . . . . . QSL Card Contest . . . . .
- BREAKFASTS — with door prizes  
Mobile . . . . . Traffic . . . . . QCWA . . . . . DX . . . . . RTTY . . . . . VHF/UHF/FM . . . . . ATV . . . . . YL . . . . .
- LADIES AND YOUTH ACTIVITIES (Group Baby Sitting Rates Available)  
Luncheon . . . . . Entertainment . . . . . World Campus Afloat . . . . .
- ARRL OPEN FORUM . . . . . Learn about new rules
- CONVENTION BANQUET . . . . . "SURPRIZES" AND AWARDS
- WOUFF HONG

\*Plan to bring hand-held equipment to participate in 420 MHz hidden transmitter hunt. A 12-inch overall length folded dipole antenna, UHF diode detector (e.g., 1N21), capacitor and high-impedance phones will put you on the air to track down the hidden transmitter on the Disneyland Hotel grounds.

### PRE-REGISTRATION CLOSES JULY 15, 1971

CONVENTION STATION OPERATIONS; MONITORING FREQUENCIES TO BE ANNOUNCED LATER

#### PRE-REGISTRATION ARRL SW DIVISION CONVENTION

Disneyland Hotel — Anaheim, California — September 4 and 5, 1971

Mail to ARRL Convention, c/o G. Legel W6KNE, 1306 Sheppard Dr., Fullerton, Calif. 92631

Name \_\_\_\_\_ Call \_\_\_\_\_

Street \_\_\_\_\_

City \_\_\_\_\_ Zip \_\_\_\_\_

Bringing: XYL \_\_\_\_\_ Indicate Number: Harmonics \_\_\_\_\_ Guests \_\_\_\_\_

Enclosed is check or money order (make payable to HAMCON, INC.)

Tickets at \$12.00 (includes Banquet, Registration, all events). After July 15, 1971, \$15.00.

Registration \$4.00 (includes Registration, Contests and Meeting Events only).

Breakfasts extra for either ticket category; Ladies luncheon extra.

#### Make Badges

Call \_\_\_\_\_ Handle \_\_\_\_\_  
Call \_\_\_\_\_ Handle \_\_\_\_\_  
Call \_\_\_\_\_ Handle \_\_\_\_\_

Check box below if interested in:

Group Rate      Group Rate  
Babysitting      Disneyland  
Ticket Books

☐☐

Room reservations may be made with Disneyland Hotel, Anaheim, Calif. 92802. Rates are from \$22 to \$28 for garden section rooms, and \$28 to \$36 for rooms in the twin towers. Nearby motels are from \$16 single and \$20 double. For information on these motels, write or call the Anaheim Visitor and Convention Bureau, 800 West Katella, Anaheim, Calif. 92802, 714/533-5536. Reservation request may be made directly to the Visitor Bureau; check for one nights' lodging must accompany reservation request.

### AFTER-THOUGHTS

#### Be a Name-Dropper

Do you know of anyone at TRW who is interested in Amateur radio but is not a member of our noteworthy organization? If so, give me a call on X62571, and I will send him (or her) a propaganda sheet with an invitation to attend our next meeting.

Jerry Dean, WA6GVO

#### ERNIE SNAGS NEW CALL

Associate member, Ernie Brelsford, is now crowing about not only his Extra-class license but also his new two-letter call (K6TZ). Congratulations twice!

#### A PEARL OF WISDOM FROM THE FCC EXAMINATION OFFICE

Q - What is a gain control?

A - A device which prohibits the operation of an amateur station for profit.

#### JERRY STARKEY GETS POLLUTED

WA6LIJ, associate member Jerry, now in Mountain View, writes he is attending San Jose State Grad School, studying Environmental Engineering. He hopes to become another Pollutineer about February, 1972. Says he tried to raise us during our TRW QSO party, but no luck. 73 Jerry.

#### WELCOME NEW MEMBERS

Ben DePiazza, WB6SVV, and Mike Young, W5RRX, are welcomed as new members. Ben hails from Costa Mesa and works in SVD Integration & Test. Mike comes from Texas and worked at TRW - Houston Operations. Glad to have you aboard!

FCC Form 76-K  
August 1970

### Federal Communications Commission FEE SCHEDULE EFFECTIVE AUGUST 1, 1970

#### COMMERCIAL OPERATOR LICENSES AND PERMITS:

Either Radiotelephone or Radiotelegraph - New, Renewal, Duplicate, or Replacement:

First Class - \$5.00; Second - \$4.00; Third Class - \$3.00

Restricted Radiotelephone Operator Permits - \$8.00

Provisional Certificate for Radiotelephone Third Class Operator Permit with Broadcast Endorsement - ..... \$2.00

Verification Card - \$2.00 ..... Posting Statement \$2.00

Separate Application for Endorsement of License - ..... \$2.00

#### AMATEUR RADIO SERVICE:

Initial License, Renewal, New Class of Operator License - ..... \$9.00

Modification of License without Renewal - ..... \$4.00

Modification of License with Renewal - ..... \$9.00

Special Call Sign - (Plus any other applicable fee) ..... \$25.00

#### AVIATION RADIO SERVICE:

Microwave stations (new, renewal, or assignment) ..... \$75.00

All other applications ..... \$20.00

#### CITIZENS RADIO SERVICE:

Application for Station License - ..... \$20.00

#### INDUSTRIAL, LAND TRANSPORTATION, AND PUBLIC SAFETY SERVICES:

Initial license, modification, renewal, or assignment ..... \$20.00

Microwave station (new, renewal, or assignment) ..... \$75.00

Microwave station modification without renewal ..... \$20.00

#### MARINE RADIO SERVICE:

Interim Ship License Including Subsequent Initial License - ..... \$25.00

Microwave stations (new, renewal, or assignment) ..... \$75.00

Common Carrier Public Coast Stations (new, renewal, or assignment) ..... \$75.00

All other applications (including exemptions from ship radio station requirements) ..... \$20.00

DUPLICATE LICENSE for Safety and Special Radio Services ..... 6.00

(FOR EXCEPTIONS, SEE SUBPART G OF PART 1 OF THE COMMISSION'S RULES)